CV — Alexander Funcke

Contact information & Personal data

Full name:	Alexander Nicolaus Valentino Funcke
Born:	1982-[redacted], Stockholm, Sweden
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Academic History

Ph.D. in Applied Mathematics 2010 — 2015
at *Department of Mathematics, Mälardalen University* *Stockholm, Sweden*

M.Sc. in Pure Mathematics 2002 — 2009
at *Stockholm University* *Stockholm, Sweden*

Work History

Consultant & Owner 2007-09 —
at *Zeta Delta OÜ* *Stockholm, Sweden & Tallinn, Estonia*
Zeta Delta OÜ is an Estonian private limited company. Zeta Delta OÜ has taken on projects in the areas of network security and software development; more recently in economic and philosophical research and text production.

Postdoctoral Fellow 2014 —
at *The PPE Program & Wharton Business School, University of PennsylvaniaPhiladelphia, PA, U.S.*
Conducting research with Cristina Bicchieri on mathematical modeling of the dynamics of social norms. Especially concerning the change and abandonment of existing norms. Teaching courses in mathematical modeling of social phenomena and agent-based modeling at Wharton and the PPE program.

Network Fellow 2014 — 2015
at *Edmond J. Safra Center for Ethics, Harvard University* *Cambridge, MA, U.S.*
Fellow at the Edmond J. Safra Center for Ethics, where I worked on reapplying the convention and norm-centric approach to petty corruption that I developed for my dissertation to the topic of institutional corruption.

Visiting scholar in Economics. Autumn 2011
at *Center for Public Choice, George Mason University* *Fairfax & Arlington, VA, U.S.*
Based at the Center for Public Choice I had a great opportunity to study political economy in the public choice tradition. Through my visit, I also participated in workshops on philosophy of economics and experimental economics. My stay was financed by a grant from the Ratio Institute.

Editor & Co-Founder 2012-06 —
at *Migro* *Stockholm, Sweden*
Classical liberal foundation that aim to promote open borders for people in Sweden and elsewhere.

Political Editor 2009-08 — 2009-11
at *Norrköpings Tidningar AB* *Norrköping, Sweden*
Filled in as a full-time political editor, contributing op-eds and columns for Sweden's oldest newspaper, founded 1752.

Part-owner & Board member 2004-08 — 2007-06-15
at *MARA Systems Group* *International*
The MARA Systems group consist of two branches and seven stock companies. The main branch develops, sells and support the MARA range of products. MARA's product portfolio mainly consist of network-security appliances, such as firewalls, web-proxies and authentication systems. The other branch does consulting targeted at large customers and especially taking on projects to customize existing MARA products to the customers specific needs.

Many of the MARA products are bleeding-edge in their field with niches adopted from previous customer modifications or MARA's own strategic R&D investments. MARA has customers world-wide and in diverse industries, such as banking, power grids, IT and government. The MARA Systems Group has its head office in Stockholm, Sweden and branch offices in Germany, Venezuela, Spain and Uruguay.

CTO 2005-01 — 2007-06-15
at *MARA Systems Group* *Stockholm, Sweden & Pto. Ordaz, Venezuela*
As the CTO of the MARA Group, I was responsible the technical directions MARA was to develop in, given the CEO and board's constraints. As well as for leading the progress towards that goal.

Interim executive country manager 2006-05 — 2007-06-15
at *MARA Systems Group* *Stockholm, Sweden*
In this role, I was responsible for the daily operation of the Swedish office, which included administrative, economic, and juridical day-to-day matters, as well as planning and following-up on the non-technical employees.

Project manager & Software architect 2004-08 — 2005-01
at *MARA Systems Consulting AB* *Stockholm, Sweden*
I managed the largest R&D project in the history of the MARA group, the GateMARA. I also acted as a developer for some of its components. Another noteworthy project I managed was a web-banking project, where I again acted as a developer too, implementing a high-performance and flexible XML to ISO-8583 proxy.

Developer & Pre-sales 2003-11 — 2004-08
at *MARA Systems Consulting AB* *Stockholm, Sweden*
In the role of developer, I worked with existing MARA network-security appliances to develop features pertaining to proxying, briding, routing and firewalling. In the role of pre-sales, I worked in the Stockholm area towards large companies together with a sales person.

Consultant & Owner 2000-01 — 2004-08
at *Funcke Datorkonsult* *Stockholm, Sweden*
Software projects on all levels, from kernel device-drivers to GUIs for handhelds, and with customers in e.g. ICT, medicine and Hi-Fi audio.

Developer 1999-04 — 2003-11
at *Nano System AB* *Stockholm, Sweden*
At Nano Systems, I worked on projects related to the NSC Geode-based NM266-board. My main contribution was the development of device drivers for the NM266 to FreeBSD and NetBSD, as well as maintaining the GNU/Linux support.

Board member 1998-10 — 2006-11
at *EurOpen.SE* *Stockholm, Sweden*
EurOpen.SE is a non-profit organization with the purpose of promoting and serving the Swedish UNIX community. The organization has hosted "USENIX-class" conferences called NordU as well as other smaller events. During NordU2004, I was part of the organizational committee.

Language skills

Swedish is my mother tongue, but I also speak and write fluently in **English**. In school they made me study **Spanish** and **German**, but I am not proficient in either.